

DEC 21 2005

is report required by law (7 USC 2143). Failure to report according to the regulations can result in an order to cease and desist and to be subject to penalties as provided for in Section 21:

See attached form for additional information.

Interagency Report Control No.:

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 21-R-0021
CUSTOMER NUMBER: 294

FORM APPROVED
OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

October 1, 2004 - September 30, 2005

State University of New York
Suny Downstate Medical Center
450 Clarkson Avenue
Brooklyn, NY 11203

Telephone: (718) -270-2611

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Attached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animal being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals an for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for wh the use of appropriate anesthetic, analgesic, or tranquiliz drugs would have adversely affected the procedures, res or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reas such drugs were not used must be attached to this report	F. TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	1				
5. Cats					
6. Guinea Pigs			273		273
7. Hamsters					
8. Rabbits	2				
9. Non-human Primates	180	18	52		70
10. Sheep			6		6
11. Pigs	7		72		72
12. Other Farm Animals					
Snakes			93		93
13. Other Animals					
Frogs			65		65
Bats			70		70
Monodelphis			75		75

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and an Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Locally Responsible Institutional Official)

SIGNATURE

DATE SIGNED

12/15/05

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EXEMPTIONS TO QUESTION 3

AMENDMENT TO PROTOCOL 09-206-04

Our **IACUC approved** a USDA space exemption for 12 sows and 144 piglets/year in order to carry out the approved protocol. Since the piglets undergo 24 hour monitoring of behavior and cardiorespiratory functions the use of a farm farrowing crate is used to keep piglets within the range of receivers and cameras. The farrowing crate is the only mechanism by which state-of-the-art monitoring is carried out with minimum loss of piglets. The sows were housed in farrowing crates for a maximum of four weeks and the piglets were housed this way for a maximum of six weeks. A 30 minute period out of the farrowing crate was provided for both the sow and piglets to exercise daily.